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June 6, 2005

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**TELECOPY TO:** COMMISSIONER FOR PATENTS  
**FAX NUMBER:** (703) 872-9306  
**FROM:** JOHN P. O'BANION  
**RE:** 10/039,290  
UC01-161-2

**CERTIFICATE OF FACSIMILE TRANSMISSION (37 CFR 1.8)**

I hereby certify that the enclosed:

**AMENDMENT (9 PAGES)**

are being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306) on  
6 June 2005.

JOHN P. O'BANION  
(Type or print name of person signing certificate)

(Signature)

☒ Original will not follow

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**NUMBER OF PAGES SENT (INCLUDING COVER SHEET): 10**

**IF THERE ARE ANY PROBLEMS OR QUESTIONS, PLEASE CONTACT US AT (916) 498-1010. OUR FAX NO. IS (916) 498-1074.**

JUN 06 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/039,290 Confirmation No.: 8342  
Applicant : ALI SHAKOURI  
Title : SUBMICRON THERMAL IMAGING METHOD AND ENHANCED  
RESOLUTION (SUPER-RESOLVED) AC-COUPLED IMAGING  
FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS  
Filed : 01/04/2002  
TC/A.U. : 2878  
Examiner : SUNG, CHRISTINE  
Docket No. : UC01-161-2  
Cust. No. : 8156

**MAIL STOP AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**AMENDMENT**

Dear Sir:

In response to the Office Action mailed on 03/08/2005, which set a 3-month period for response, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.